

Converting Colors

XYZ(72.3802, 76.0614, 61.4240)

Have a look what the booklet for
XYZ(72.3802, 76.0614, 61.4240)
contains.

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Color

**XYZ(72.4860, 76.2259,
61.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E1C1
RGB	240, 225, 193
RGB Percent	94%, 88%, 76%
CMY	0.0588, 0.1176, 0.2431
CMYK	0.00, 0.06, 0.20, 0.06
HSL	41°, 61%, 85%
HSV	41°, 20%, 94%
XYZ	72.4860, 76.2259, 61.3447
YIQ	225.8370, 19.2120, -6.7720

Conversions

Conversions Part 2

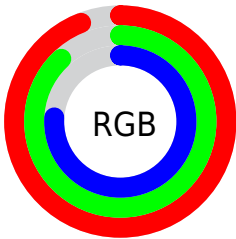
Format	Color
R _Y B	215, 240, 193
Decimal	15786433
CIE Lab	89.96, 0.07, 17.51
CIE LCh	90, 17.513, 89.755
Yxy	76.2259, 0.3451, 0.3629
Android (android.graphics.Color)	4293976513 (0xFFFF0E1C1)
YUV	225.8370, -16.1886, 12.4210
Hunter-Lab	87.3074, -4.5905, 19.4564

Details

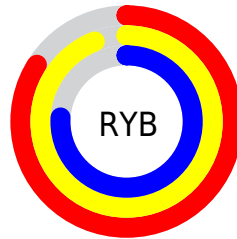
The XYZ color **72.4860, 76.2259, 61.3447** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.2761, 62.7390, 91.3715**, and the grayscale version is **72.2762, 76.0402, 82.8077**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **38.8021, 40.8039, 30.2569** is the 20% darker color. If you saturate the color by 10%, you get **67.9998, 71.1957, 47.6951**, and if you desaturate by 10%, it is **77.5036, 81.6224, 77.3167**.

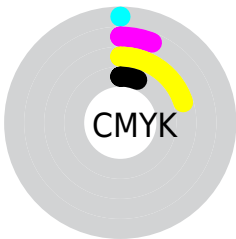
Distribution



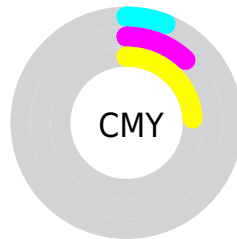
- Red (94%)
- Green (88%)
- Blue (76%)



- Red (84%)
- Yellow (94%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4860, 76.2259, 61.3447 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.4860, 76.2259, 61.3447 by changing the saturation by 10% instead.

72.4860, 76.2259,
61.3447

72.4860, 76.2259,
61.3447

458.3628,
482.1206, 447.4782

53.8427, 56.6178,
44.0710

121.7543,
128.0462, 108.3403

38.7061, 40.6984,
30.3888

153.1100,
161.0271, 138.8993

26.7108, 28.0835,
19.8793

189.4338,
199.2344, 174.7238

17.4916, 18.3886,
12.1241

231.0912,
243.0525, 216.2324

10.6831, 11.2294,
6.7047

278.4474,
292.8658, 263.8436

5.9199, 6.2213,
3.2025

331.8679,

2.8366, 2.9801,

349.0587, 317.9759

1.1989

391.7179,
412.0155, 379.0480

■ 1.0680, 1.1214,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.4860, 76.2259,
61.3447

■ 72.4860, 76.2259,
61.3447

■ 67.9998, 71.1957,
47.6951

■ 77.5036, 81.6224,
77.3167

■ 64.0169, 66.5108,
36.2526

■ 83.0672, 87.3852,
95.7095

■ 60.5153, 62.1632,
26.8989

■ 87.5458, 92.8661,
107.9185

■ 57.4690, 58.1403,
19.5029

■ 89.7454, 97.2654,
108.6517

■ 54.8491, 54.4286,
13.9185

■ 52.6226, 51.0127,
9.9788

■ 50.7506, 47.8751,
7.4857

■ 49.1715, 44.9888,
6.1208

■ 49.1090, 44.8726,
6.0730

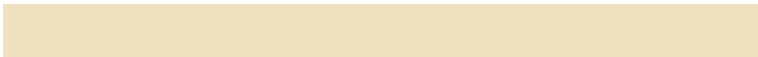
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7297, 76.2259, 64.0388



72.4860, 76.2259, 61.3447



68.3926, 76.2259, 63.9531

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4860, 76.2259, 61.3447



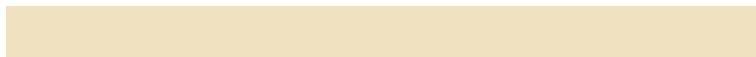
65.4536, 76.2259, 95.4148



79.8909, 76.2259, 95.6085

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.4860, 76.2259, 61.3447



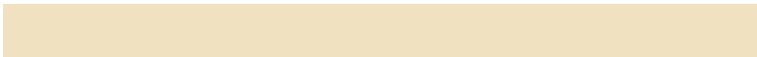
60.2761, 62.7390, 91.3715

Split Complementary

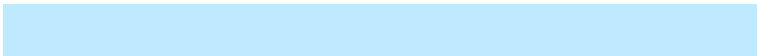
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6657, 76.2259, 105.4895



72.4860, 76.2259, 61.3447



68.3333, 76.2259, 105.3701

Square

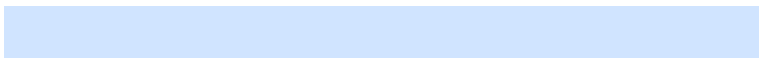
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4860, 76.2259, 61.3447



64.4322, 76.2259, 82.8952



72.4149, 76.2259, 109.2249



81.1077, 76.2259, 83.0989

Rectangle

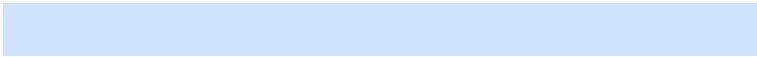
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4860, 76.2259, 61.3447



66.2737, 76.2259, 68.5128



72.4149, 76.2259, 109.2249



78.9995, 76.2259, 99.3911

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.4880, 76.2293, 61.3463



91.1461, 95.9784, 95.9264



66.4733, 61.2531, 68.4259



19.4211, 20.4516, 20.2432



0.0000, 0.0000, 0.0000



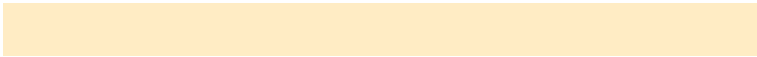
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4880, 76.2293, 61.3463



81.3222, 85.4184, 64.6349



74.1192, 83.3547, 62.6357



16.6729, 17.5590, 16.6602



27.0080, 24.8142, 3.3661



2.3361, 2.2428, 0.3098

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.2761, 62.7390, 91.3715



65.2223, 67.6352, 104.2251



58.8417, 56.8267, 90.3059



15.3089, 16.0519, 20.0131



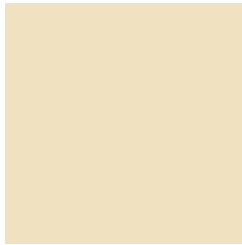
10.1521, 6.5285, 45.8529



0.9309, 0.7158, 3.8433

Previews

White Background



This preview shows how the XYZ color 72.4860, 76.2259, 61.3447 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.4860, 76.2259, 61.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

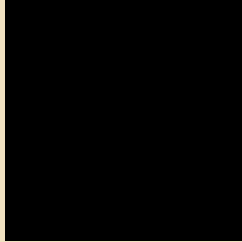
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4860, 76.2259, 61.3447

Background



This preview shows how black text looks on a background with the XYZ color 72.4860, 76.2259, 61.3447.

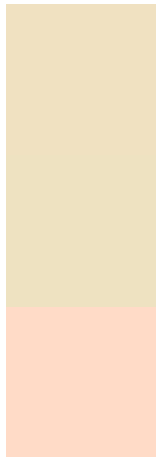


This preview shows how white text looks on a background with the XYZ color 72.4860, 76.2259,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.4860, 76.2259, 61.3447

Protanopia

72.0819, 76.4201, 61.4035

Deuteranopia

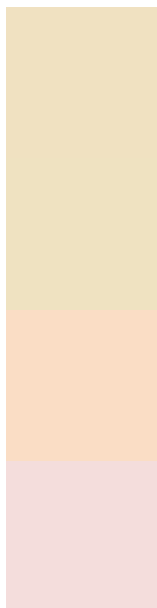
76.8803, 76.0466, 64.6593



Tritanopia

78.4779, 76.3120, 89.9503

Trichromacy



Original Color

72.4860, 76.2259, 61.3447

Protanomaly

72.4186, 76.5937, 61.4193

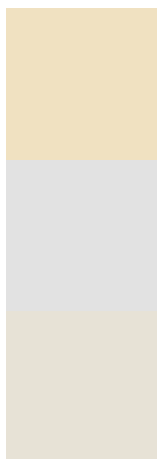
Deuteranomaly

75.3588, 76.0681, 63.5341

Tritanomaly

76.0829, 76.1133, 78.3915

Monochromacy



Original Color

72.4860, 76.2259, 61.3447

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2890, 76.2367, 74.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4860, 76.2259, 61.3447 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 225, 193)` looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 225, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 193) }
```

Border

The CSS property to change the border of an element to XYZ 72.4860, 76.2259, 61.3447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 225, 193) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 225, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 225, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 193);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4860, 76.2259, 61.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
225, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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